Sequence Listing

SEQ.ID.No.1

GGATCCTGGG	CGCAAGAGAG	AGGAGGAAAG	CTGAGCAAAA	TCTCTCAGAG	50
CTTTCAGGAC	CATGGAGAAC	AGTGTACATT	GGGTCGACCA	ACCCAGAGAA	100
AATCCAGGAG	AATGGACCAT	TCAGGACTTA	CTTCCGTGAA	CTTGTGTTTG	150
ATGATGAAAA	GGGCACGGTG	GACTTTTACT	TTTCTGTCAA	GCGGGATGGA	200
AAATGGAAGA	ATGTACATGT	CAAGGCTACA	AAGCAAGACG	ATGGTACTTA	250
TGTTGCTGAC	TATGAGGGTC	AAAACGTTTT	TAAAATTGTC	TCTCTGTCGA	300
GGACGCATCT	GGTAGCACAT	AACATCAACG	TGGATAAGCA	CAGCCAGAAG	350
ACAGAATTGG	CCGGACTGTT	TGTTAAACTG	AATGTTGAAG	ATGAAGACTT	400
GGAGAAATTC	TGGAAGCTGA	CGGAAGACAA	AGGAATTGAC	AAGAAAAACG	450
TTGTGAATTT	CTTGGAAAAT	GAAAACCATC	CCCACCCTGA	ACATCATCAT	500
CATCATCATC	ATCATCATCA	TTAG			

5

SEQ.ID.No.2

sequence of bOBP with 10X- His tag

```
  1 ggatcctggg cgcaagagga ggaagctgag caaaatctct cagagctttc aggaccatgg
 61 agaacagtgt acattggatc caccaaccca gagaaaatcc aggagaatgg accattcagg
121 acttacttcc gtgaacttgt gtttgatgat gaaaagggca cagtggactt ttactttct
181 gtcaagcggg atggaaaatg gaagaatgta catgtcaagg ctacaaagca agacgatggt
241 acttatgttg ctgactatga gggtcaaaat gtatttaaaa ttgtctctct gtcgaggacg
301 catctggtag cacataacat caacgtggat aagcacggcc agaagacaga attgaccgga
361 ctgtttgtta aactgaatgt tgaagatgaa gacttggaga aattctggaa gctgacggaa
421 gacaaaggaa ttgacaagaa aaacgttgtg aatttcttgg aaaatgaaaa ccatccccac
481 cctgaacatc atcatcatca tcatcatcat catcattagg aattc
```